



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

C10-9-4

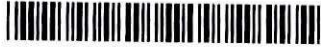
Job Sheet 175892



Part No: C10-9-4

Job Qty: 20 pcs **DAS 21 9-89**
22

Part Name: Latch Shaft Bearing



Part Weight: 0 lbs

Status: Scheduled **At Planning**

Priority: Medium

Job Created: 4/11/18

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 4/20/18

Description:

Type: SOLD

Note: DWG C10-9-4 Rev 2A IPP Rev A 18.04.11 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea		4/19/18	0.00	0.00	Start Up Machining-3		
110	Mori Seiki	20 pcs		4/20/18	0.00	1.33	MORI SL-154		
120	QC	20 pcs		4/20/18	0.00	0.00	QC2 Machining-4		
130	QC	20 pcs		4/20/18	0.00	0.00	QC8 Machining-4		
135	Outsource	20 pcs		4/20/18	0.00	0.00	Outsource1 ATLANTIC		18/05/28
140	Outsource	20 pcs		4/20/18	0.00	0.00	Outsource15		18/06/22
150	Packaging	20 pcs		4/20/18	0.00	0.00	Packaging2		18/06/22
160	QC	20 pcs		4/20/18	0.00	0.00	QC6		38

Part Op 110 - 1-Machine as per folio FC 104 FOLIO REV: _____ DWG REV: _____ 2-Debut
Descriptions: 135 - 1--Issue P/O to Metcore ; P/O 040035 RC 37-40 2-Bead blast 3- Certificate of Conformity is required **DAS 21 9-89**
NOTE DROP SHIP TO FINISHER Metcore to ship directly to Groupe Altech***
140 - -Issue P/O to Groupe Altech: P/O _____ -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate, 0004-
.0006 -Bake after plating -Certificate of Conformity is required

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M4140H-R1.125	4140 Round Bar 1.125	1.9160 ft (.0958 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M4140H-R1.125	2	0	0

Part Specifications



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

d.

Plex 4/11/18 1:37 PM Dart.lajeunesse.marie

Container No: S074868



Part: C10-9-4

Job No: 175892

Serial No/Batch: S074868

Revision: 2A

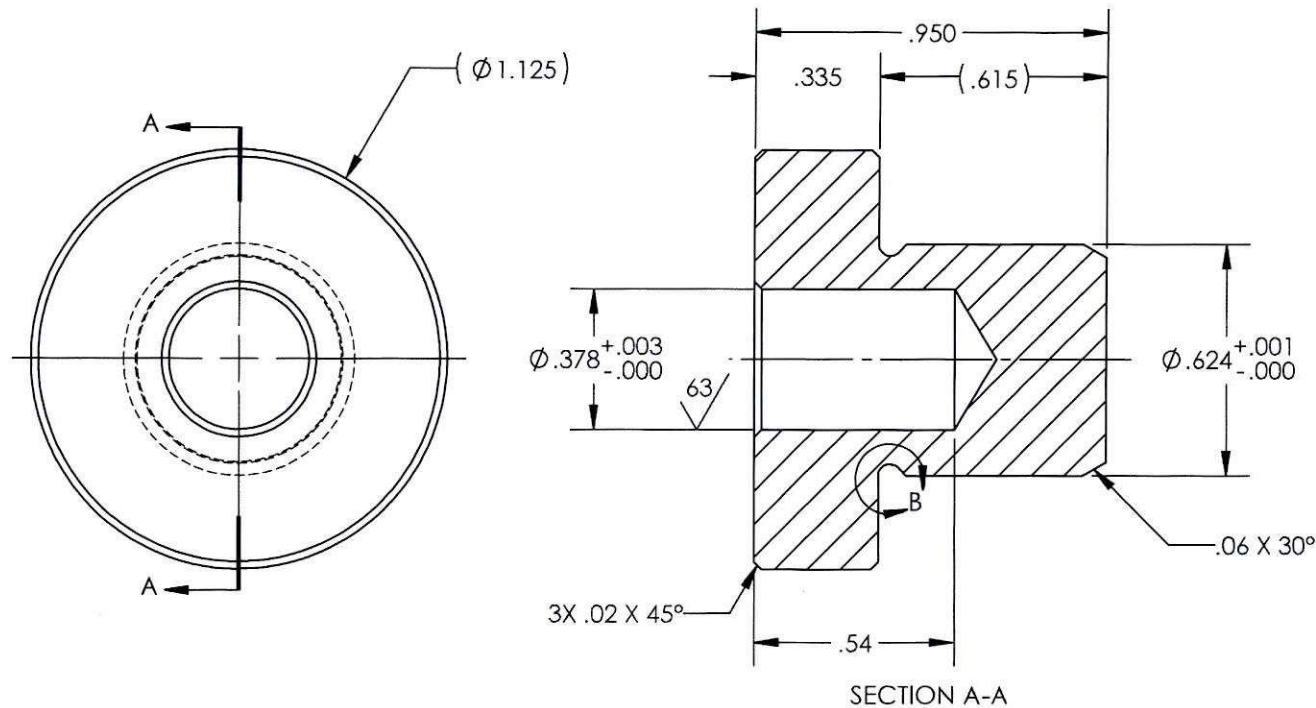
Inspector:

Date: 05/26/18

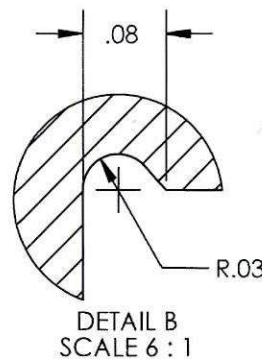
DAS 45 2018-05-22 9-89
PROGRAM AND FOLD DONE
READY FOR FLOOR

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		AS DRAWN BY CANAM.	4/30/2013	CFS	
2		CH'D UNDERCUT & ADDED DETAIL B, CH'D B/O INFO WAS Ø1 IS Ø1-1/8.	5/13/2014	DPD	GE
2A	14-0115	CH'D TITLE BLOCK WAS RED BARN IS DART. ADDED BAG & LABEL NOTE. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS.	8/8/2014	DPD	RW



SECTION A-A



NOTES:

1. NICKEL PLATE .0004 - .0006, BAKE AFTER PLATING.
2. BAG & LABEL WITH BATCH NUMBER.

DART AEROSPACE	
TITLE LATCH SHAFT BUSHING	
DWG NO. C10-9-4	REV 2A
MATL 4140	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D. Weil</i>
.XXX ± .005	HEAT TREAT HRC 37-40
.XX ± .01	FINISH SEE NOTE 1
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 2:1	DATE 4/26/2002
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			C10-9-4	1	LATCH SHAFT BUSHING	4140	Ø1-1/8 X 1-1/8



Tel (613) 632-5200

Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

10.077140 4055 4050 4040 70040addf4c9/Dynamic Control/Report Viewer 2 asn?n=i1%1F %2FPurchasing%2FPO Print.asp%3FPO

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Plex 6/7/18 1:40 PM dart.tsimiklis.chrisoula

CT

Certification

Date: 08/06/2018

Entry Date: 05/06/2018

Page: 1 of 1

To:DART AEROSPACE LTD.
1270 ABERDEEN ST

Purchase Order No.: po040035

Packing List No.:

HAWKESBURY ON K6A 1K7

Material: 4140

We are pleased to provide you with the following Certificate of Compliance.

Quantity	Part Number / Part Name / Part Description	Pounds
22	22 pcs material 4140 annealing and heat treated to 37-40 rc sand blast c of c prt# c10-9-4 job# 175892	3

Insp. Type	Scale	Minimum	Maximum	Number	Other
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Customer Requirements:**Results:**

Harden ROCKWE	37.	40.	39.	TESTED AS PER SAMPLING PLAN
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HEAT TREATED TO 39 RC AS PER CUSTOMER REQUEST

STATEMENT OF LIMITED LIABILITY (PLEASE READ CAREFULLY): ALL WORK IS ACCEPTED SUBJECT TO THE FOLLOWING CONDITIONS: It is recognized that even after employing all the scientific methods known to us, hazards still remain in metal treating. THEREFORE, OUR LIABILITY SHALL NOT EXCEED TWICE THE AMOUNT OF OUR CHARGES FOR THE WORK DONE ON ANY MATERIAL (FIRST TO REIMBURSE FOR THE CHARGES AND SECOND TO COMPENSATE IN THE AMOUNT OF THE CHARGES), EXCEPT BY WRITTEN AGREEMENT SIGNED BY THE METAL TREATER. THE CUSTOMER, BY CONTRACTING FOR METAL TREATMENT, AGREES TO ACCEPT THE LIMITS OF LIABILITY AS EXPRESSED IN THIS STATEMENT TO THE EXCLUSION OF ANY AND ALL PROVISIONS AS TO LIABILITY ON THE CUSTOMER'S OWN INVOICES, PURCHASE ORDERS OR OTHER DOCUMENTS. IF THE CUSTOMER DESIRES HIS OWN PROVISIONS AS TO LIABILITY TO REMAIN IN FORCE AND EFFECT, THIS MUST BE AGREED TO IN WRITING, SIGNED BY AN OFFICER OF THE TREATER. IN SUCH EVENT, A DIFFERENT CHARGE FOR OUR SERVICES REFLECTING THE HIGHER RISK TO TREATER, SHALL BE DETERMINED BY THE TREATER AND CUSTOMER. THE TREATER MAKES NO EXPRESS OR IMPLIED WARRANTIES AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF THE FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, AS TO THE PERFORMANCE CAPABILITIES OF THE MATERIAL AS HEAT TREATED, OR THE HEAT TREATMENT. THE FOREMENTIONED LIMITATION OF LIABILITY STATED ABOVE IS SPECIFICALLY IN LIEU OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS, AND OF ANY OTHER SUCH OBLIGATION ON THE PART OF THE TREATER. No claim for shortage in weight or count will be entertained unless presented within five (5) working days after receipt of materials by customer. No claim will be allowed for shrinkage, expansion, deformity, or rupture of material in treating or straightening, except by prior written agreement, as above, nor in any case for rupture caused by or occurring during subsequent grinding. Whenever we are given material with detailed instructions as to treatment, our responsibility shall end with the carrying out of those instructions. Failure by a customer to indicate plainly and correctly the kind of material (i.e., proper alloy designation) to be treated, shall cause an extra charge to be made to cover any additional expense incurred as a result thereof, but shall not change the limitation of liability stated above. Customer agrees there will be no liability on the treater in contract for any special, indirect or consequential damages arising whatsoever, including but not limited to personal injury, property damage, loss of profits, loss of production, recall or any other losses, expenses or liabilities allegedly occasioned by the work performed on the part of the treater. It shall be the duty of the customer to inspect the merchandise immediately upon its return, and in any event claims must be reported prior to the time that any further processing, assembling or any other work undertaken. OUR LIABILITY TO OUR CUSTOMERS SHALL CEASE ONCE ANY FURTHER PROCESSING, ASSEMBLING OR ANY OTHER WORK HAS BEEN UNDERTAKEN ON SAID MATERIAL. No agent or representative is authorized to alter the above conditions, except by writing duly signed by an officer of treater.

DAS
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9-89
KEAN SHEPHERD
QUALITY CONTROL
ATLANTIC HEAT TREATING 2001 LTD



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040188**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO040188
PO Date: 6/13/18
Due Date: 6/18/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	177492	C10-9-1	Latch -Issue P/O to Groupe Altech: P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	6/18/18	12 pcs	0 pcs	12 pcs	\$7.05882353/pcs	\$84.71
2	175892	C10-9-4	Latch Shaft Bearing -Issue P/O to Groupe Altech: P/O -Nickel plate, QQ-N-290, Class 2, Grade E or F -Nickel Plate .0004- .0006 -Bake after plating -Certificate of Conformity is required	Firmed	6/18/18	22 pcs /	0 pcs 22x	22 pcs	\$7.05882353/pcs A19/06/22	\$155.29

Grand Total: \$240.00

Order Notes



Certificat de Conformité / Certificate of Compliance

(010266-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

010266 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
22-Jun-2018		Aman		040188				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	C10-9-1 Rev.	C10-9-1 01 - E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004-0.0006 THICK BAKE AFTER	E-NICKEL STEEL CH	12	12	0	0	0
2	C10-9-4 Rev.	C10-9-4 01 - E-NIC STEEL 200 [E-NICKEL STEEL 200] QQ-N-290 CLASS 2 GRADE E OR F 0.0004-0.0006 THICK BAKE AFTER	E-NICKEL STEEL CH	22	22	0	0	0

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Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.